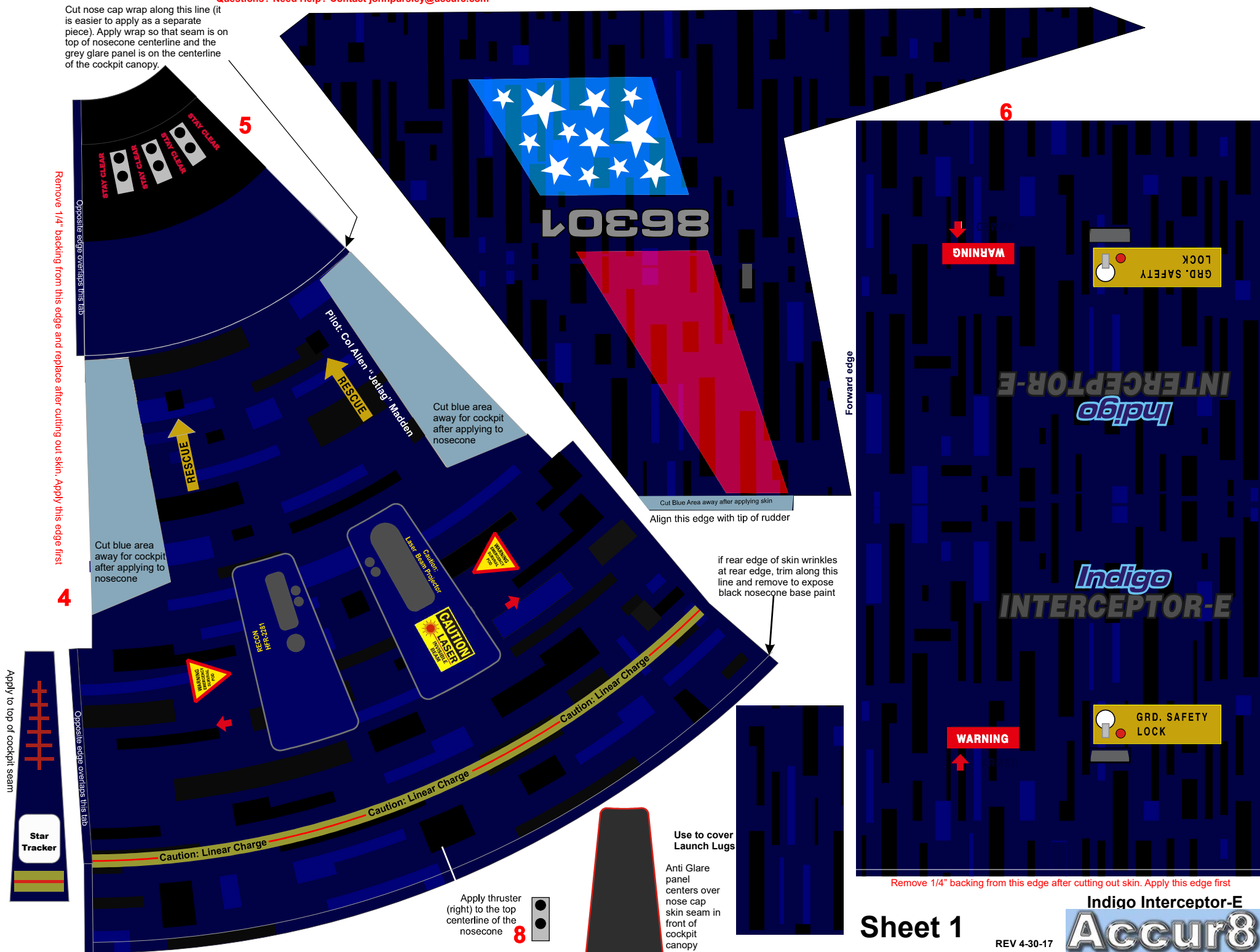


Cut nose cap wrap along this line (it is easier to apply as a separate piece). Apply wrap so that seam is on top of nosecone centerline and the grey glare panel is on the centerline of the cockpit canopy.



Remove 1/4" backing from this edge and replace after cutting out skin. Apply this edge first.

Apply to top of cockpit seam

Star Tracker

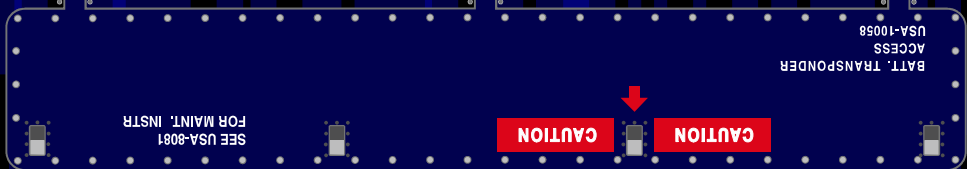
Spray light coat of clear (such as Blair 500 Digi-Finish) to sheet before using

Spray light coat of clear (such as Blair 500 Digi-Finish) to sheet before using

Apply this skin to body tube third.

Carefully cut around "camera" lenses. The resulting tab overlaps opposite edge of wrap when complete.

U.S. AIR FORCE DE-301

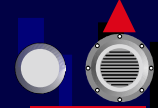


Wing Root: Cut Away - Be sure centerline of cutaway aligns with wing slot in body tube



Wing Root: Cut Away - Be sure centerline of cutaway aligns with wing slot in body tube

RESERVOIR VENT DO NOT PLUG



CAUTION

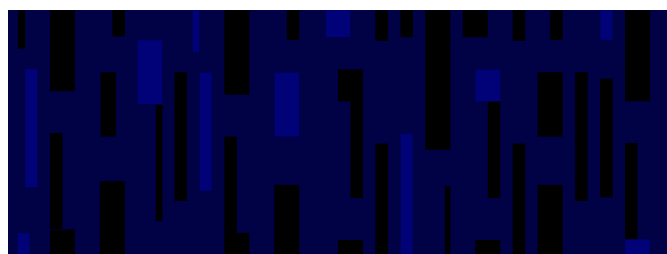


CAUTION

RESERVOIR VENT DO NOT PLUG

▲ Apply this edge first

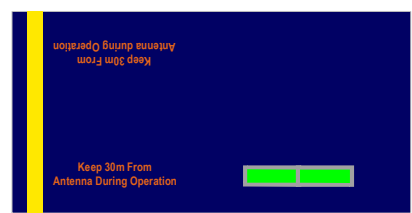
▲ Apply this edge first



Spare Patch Material

Paint overall model gloss black. This will camouflage any gaps...intentional or accidental and save a lot of touch up work later.

Use the Spare Patch Material to cover any damage you might incur during flying (or construction). Make sure the Chameleon pattern is aligned properly



Left Rudder Fin Antenna Skin

Yellow band end of Antenna Skin aligns with forward edge of the aft portion of the Antenna. Trim overhanging skin from the rear of the antenna flush with the rear surface.

Green marker to rear of antenna faces outward.

REV 4-30-17

Spray light coat of clear (such as Blair 500 Digi-Finish) to sheet before using

2 Apply this skin to body tube second.

Carefully cut around "Warning" label edges ▾

ACCESS BY AUTHORIZED PERSONNEL ONLY

CONTROL CONN.

CAUTION

CAUTION

AUX. REACTOR CONNECTOR

WARNING

Lower Fin: Cut Away

Wing Root: Cut Away - Be sure centerline of cutaway aligns with wing slot in body tube

CAUTION: MICROWAVE RADIATION

RELEASE PRESSURE BEFORE ASSEMBLY

INSPECTION ACCESS

WARNING

CAUTION: MICROWAVE RADIATION

CAUTION: MICROWAVE RADIATION

CAUTION: MICROWAVE RADIATION

SEE USA-8081 FOR MAINT. INSTR.

CAUTION: MICROWAVE RADIATION

INSPECTION ACCESS

WARNING

Wing Root: Cut Away - Be sure centerline of cutaway aligns with wing slot in body tube

CAUTION

CAUTION

CONTROL CONN.

ACCESS BY AUTHORIZED PERSONNEL ONLY

PRIMARY REACTOR CONNECTOR

WARNING

Lower Fin: Cut Away

CHARGE ONLY WITH APPROVED BATTERY CHARGER OVERBORD

TURBINE PLANE

TURBINE PLANE

TURBINE PLANE

TURBINE

Rear edge.

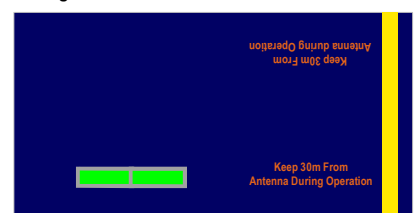
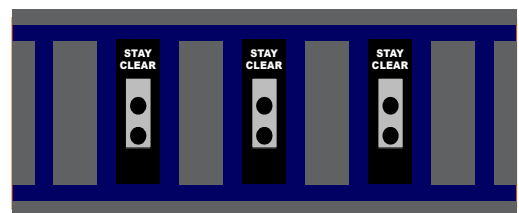
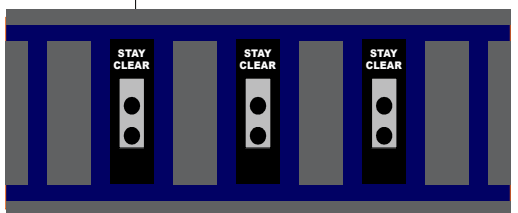
Wing leading edge cover (optional)

Rear edge.

Wing leading edge cover (optional)

Rear edge.

Right Rudder Fin Antenna Skin



Yellow band end of Antenna Skin aligns with forward edge of the aft portion of the Antenna. Trim overhanging skin from the rear of the antenna flush with the rear surface.

Green marker to rear of antenna faces outward.

4 Apply this skin to the body tube last

Cut outside of landing gear door. This overlaps door on opposite edge for 3D effect



Cut around landing gear door

Apply this edge first

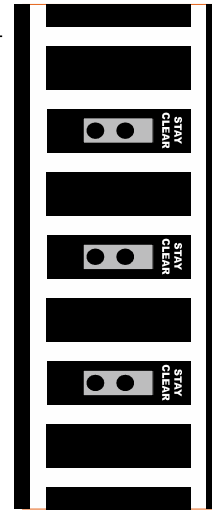
There are four sections of body tube skins numbered with red 1-4. Apply #1 to rear of body first, then 2, etc.

Wing Pod Skins

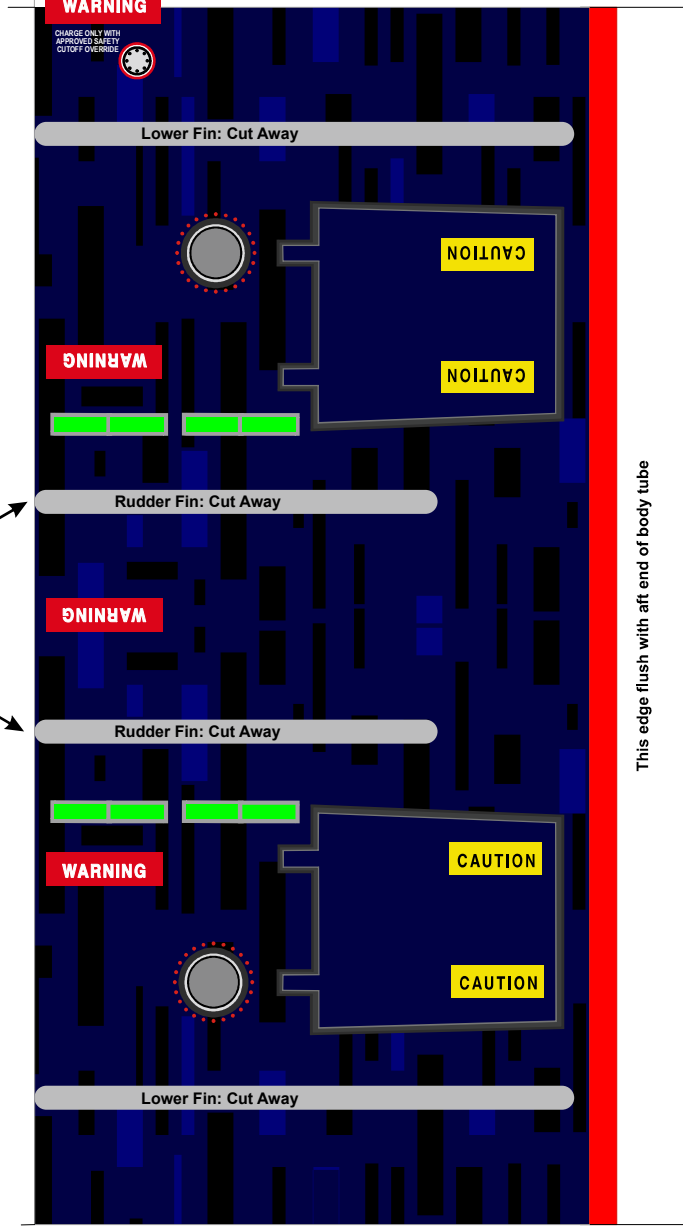
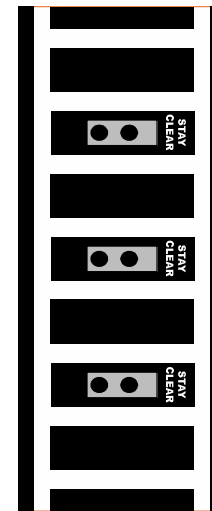
Optional skins for wing pod center section is provided. I suggest you use the black and white skin for a colorful pod. Paint the forward half a Royal or Navy Blue and the aft part in Red. For a more "subdued" wing pod that goes with the "Indigo" theme, paint the pods Black or very Dark Blue and apply the Grey and Indigo pod skins.

Spray light coat of clear (such as Blair 500 Digi-Finish) to sheet before using

Carefully cut around "Warning" label edges



Center the two Rudder Fin Cut Away areas with the slots cut into Aft Body Tube



Apply this edge to body tube first

1 Apply this skin to the body tube first

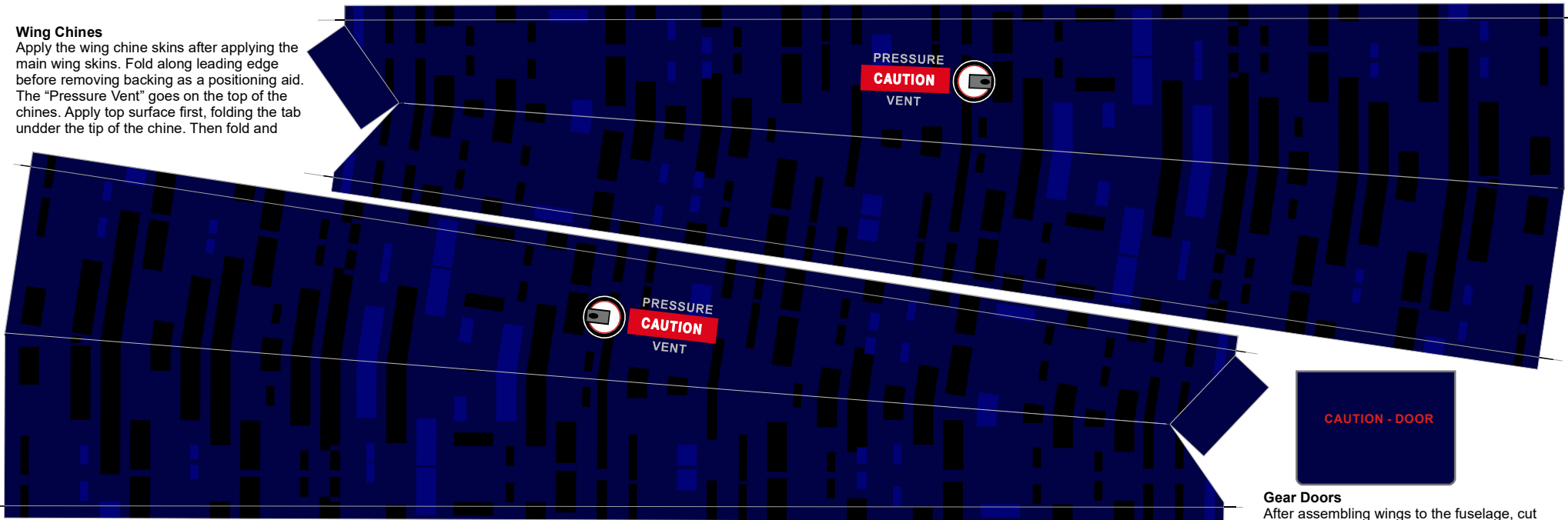
Touch Ups:

Touching up any damaged or exposed light colored blemishes can be easily accomplished with a Black Sharpie. It will fit right in with the Indigo theme.

REV 4-30-17

Wing Chines

Apply the wing chine skins after applying the main wing skins. Fold along leading edge before removing backing as a positioning aid. The "Pressure Vent" goes on the top of the chines. Apply top surface first, folding the tab under the tip of the chine. Then fold and

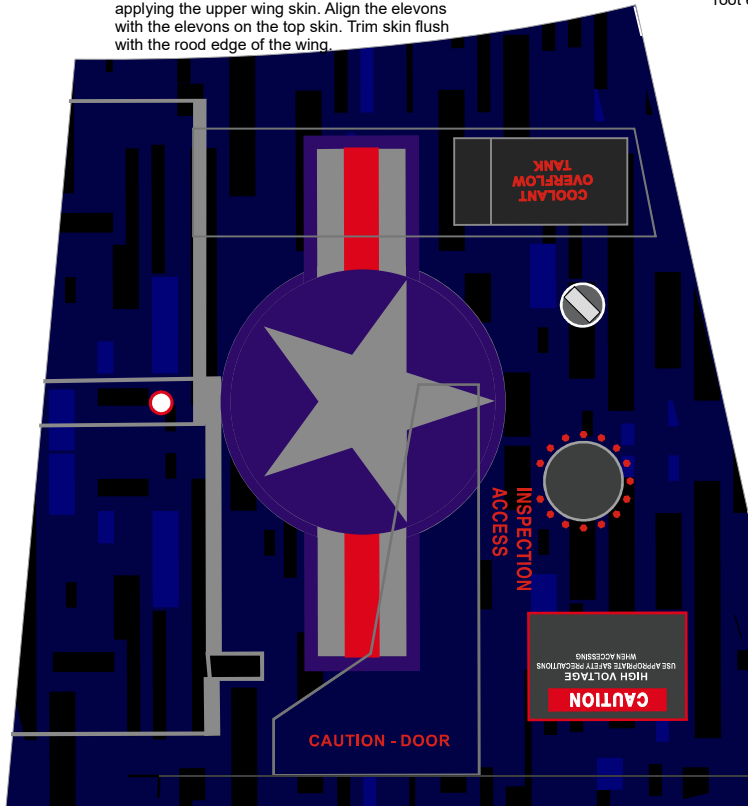
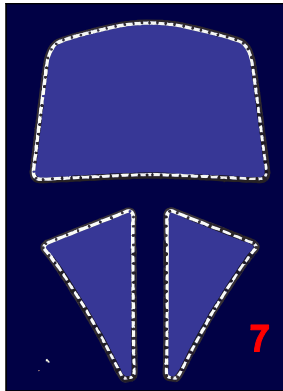


Gear Doors

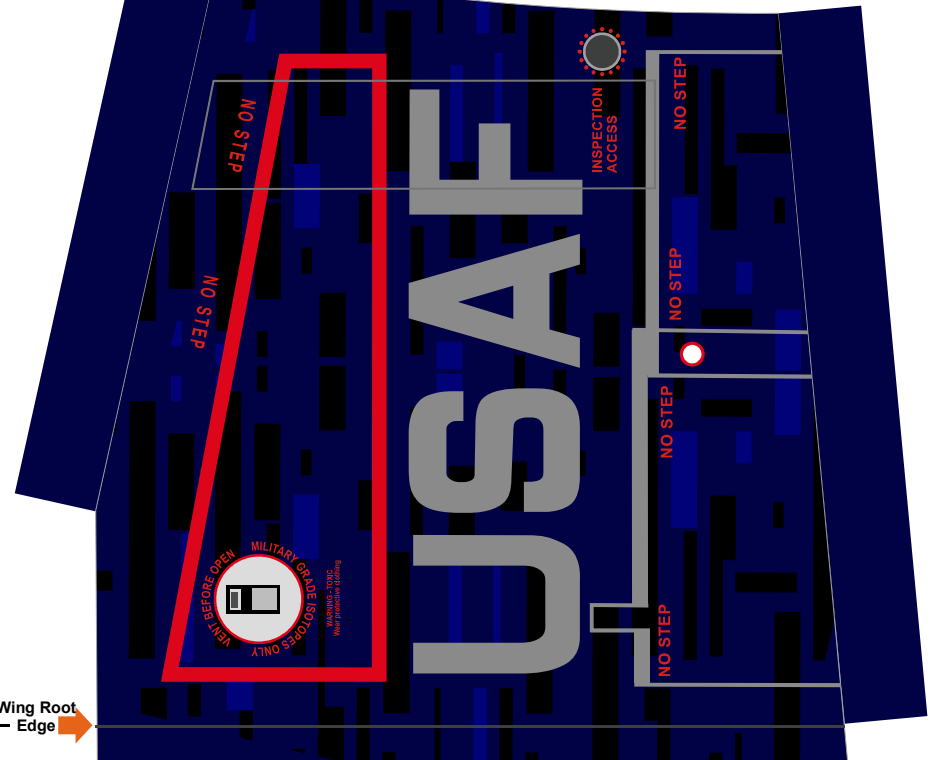
After assembling wings to the fuselage, cut out and align onto the lower fuselage the gear doors with the main door outlines on the lower wing surface

Cut out and apply the lower wing skin after applying the upper wing skin. Align the elevons with the elevons on the top skin. Trim skin flush with the root edge of the wing.

Cut out and apply the upper wing skin first, folding the fore and aft edge tabs to the bottomside of the wing. Trim the skin even with the root edge of the wing



Wing Root Edge →



Sheet **5**

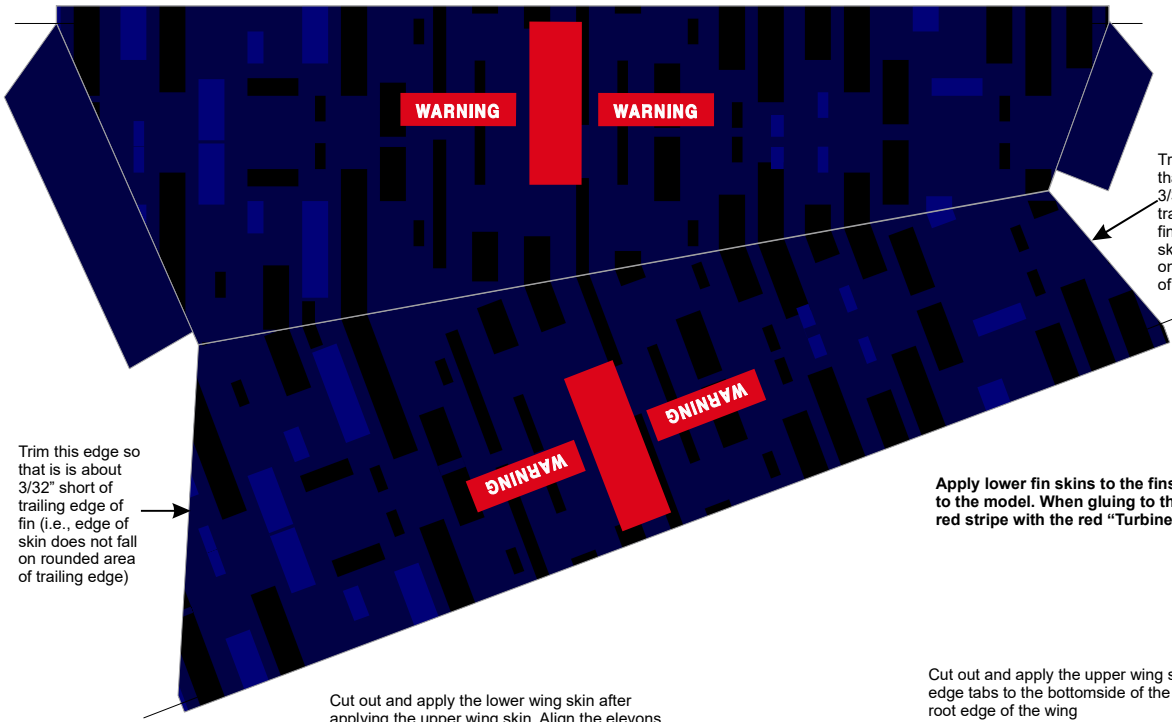
REV 4-30-17

Indigo Interceptor-E

Accur8
SPACEMODELS

Spray light coat of clear (such as Blair 500 Digi-Finish) to sheet before using

Left Lower Fin



Trim this edge so that is about 3/32" short of trailing edge of fin (i.e., edge of skin does not fall on rounded area of trailing edge)

Trim this edge so that is about 3/32" short of trailing edge of fin (i.e., edge of skin does not fall on rounded area of trailing edge)

WARNING

WARNING

WARNING

WARNING

Apply lower fin skins to the fins BEFORE gluing the fins to the model. When gluing to the model, align the solid red stripe with the red "Turbine Plane" stripe on the model.

Cut out and apply the lower wing skin after applying the upper wing skin. Align the elevons with the elevons on the top skin. Trim skin flush with the rood edge of the wing.

Cut out and apply the upper wing skin first, folding the fore and aft edge tabs to the bottomsides of the wing. Trim the skin even with the root edge of the wing

Right Lower Fin

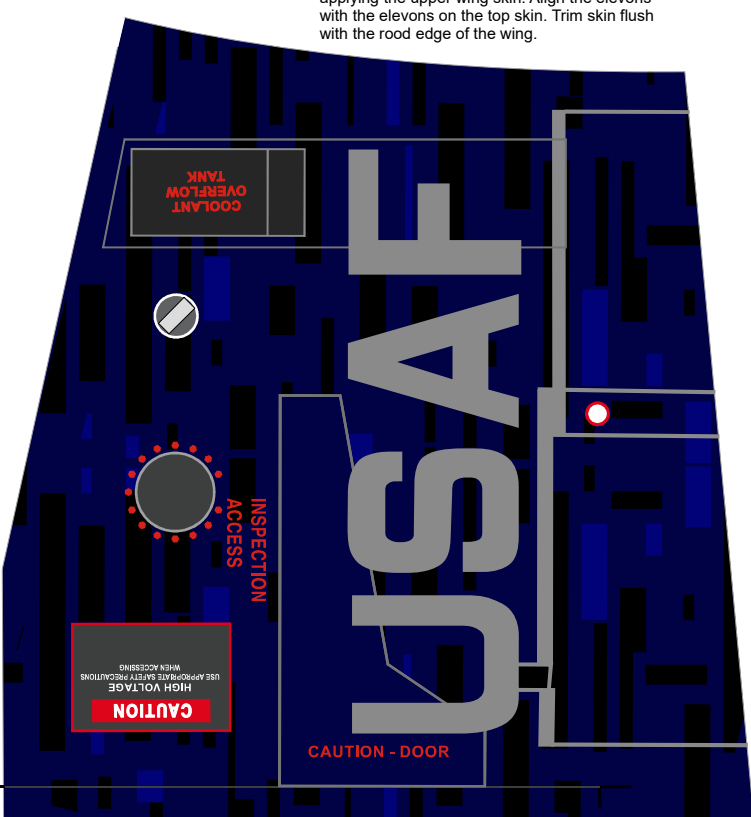


WARNING

WARNING

WARNING

WARNING



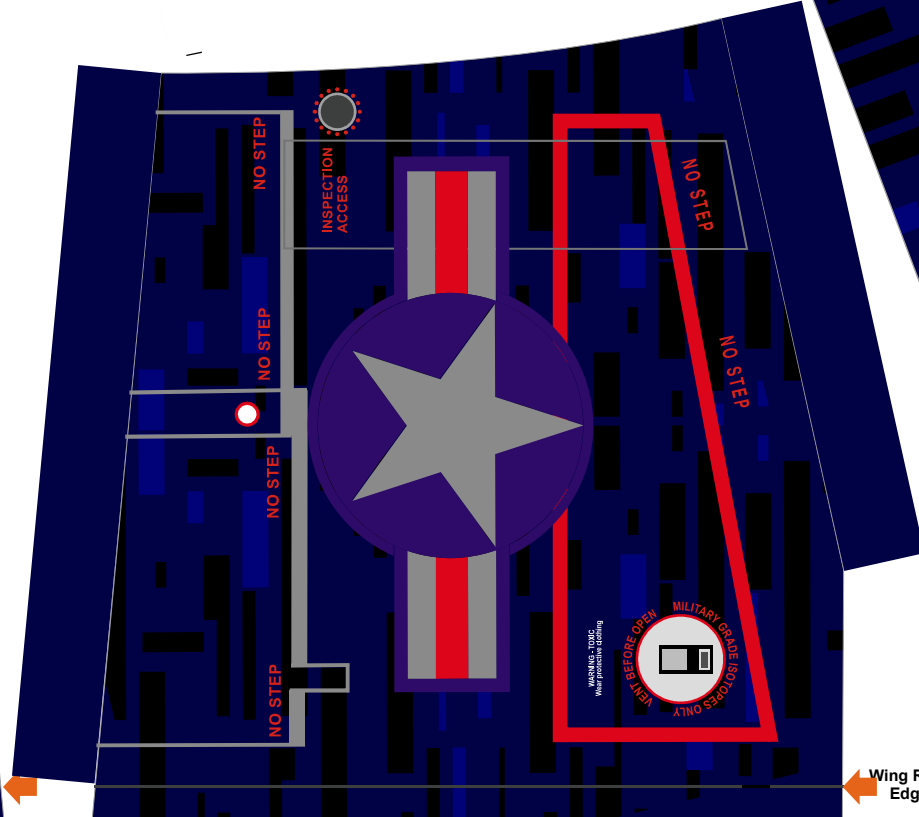
COOLANT OVERFLOW TANK

USAF

CAUTION

INSPECTION ACCESS

CAUTION - DOOR



NO STEP

NO STEP

NO STEP

NO STEP

NO STEP

INSPECTION ACCESS

NO STEP

NO STEP

VENTURE OPEN MILITARY GRADE FOOTWEAR ONLY

REV 4-30-17

Sheet 6

Indiigo Interceptor-E

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Wing Root Edge

Leading edge cover (optional)

Leading edge cover (optional)

Apply this skin to left rudder, folding the leading and trailing tabs over to other side of fin.

Apply this skin to Right rudder First, folding the leading and trailing edge tabs over to other side of fin.

Leading edge cover (optional)

Left outside Rudder Skin (excess material remains to bridge fillets)

Cut Blue Area away after applying skin
Align this edge with tip of rudder

Cut Blue Area away after applying skin
Align this edge with tip of rudder

Cut Blue Area away after applying skin
Align this edge with tip of rudder

Align top edge of rudder skins with top edge of rudders and then trim leading, trailing and root edges to fit.

The excess skin at the root edge is intentional. If you have created a large fillet when attaching the rudders and wings to body tube, the excess can extend over and cover the fillet.

The "USAF" skins are applied last to the rudders. They overlap the tabs which wrapped around the leading and trailing edges when the "86301" skins were applied. These skins are intentionally oversized. Position and Trim these skins so that 1/16" to 3/32" of the leading and trailing edges are exposed.

Leading edge cover (optional)

Indigo Interceptor E

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REV 4-30-17

Sheet 7

← Grain →
Wing Chine (Make 2)

← Grain →
Rudder Chine
(Make 2)

REMOVE

Engine Mount Radiator Fin from Cosmic Interceptor kit
(Modify by removing grey area indicated above)

Wing (Make 2)
← Grain →

Rudder (Make 2)
← Grain →

Antenna (Make 2 from 3/16" dowel)

Ventral Fin (Make 2)
← Grain →

Pattern Sheet

Layout on 4X24x1/8"

Make the wing pods using a 3" section of BT-20 body tube and 1 long ogive plastic nosecone and one short parabolic nosecone from the Estes #3162 Nosecone pack. Unfortunately, though the #3162 Nosecone Pack almost always comes with two long ogive nosecones it doesn't always come with two of the short parabolic nosecones but instead has two short blunt-point nosecones. You can still make good-looking wing pods using the conical nosecones. In the older Estes parts nomenclature the long nosecone would be a PNC-20W and the short nosecone would be a PNC-20B. You can substitute equivalently shaped balsa nosecones.

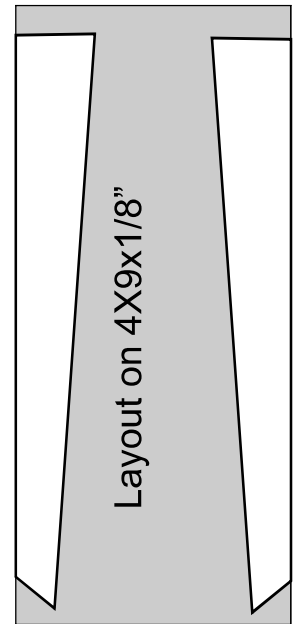
Modify the **Cosmic Interceptor engine mount** radiator fins as shown to the left on the Pattern Sheet by removing the projecting tab. Paint radiator fin section Black or Gunmetal. Save installing engine mount until the model is complete then install so the cooling fins protrude by about 1 to 1.25 inches and the engine hook is aligned between the rudder fins or the ventral fins.

The skins for the body tubes have the locations for the wings, ventral fins and rudders. **Glue the wings on first** so that with the body tube resting on your work surface both wing tips also rest on your work surface. After the wings are dry glue the ventral fins and rudders so they point straight away from the body tube.

Recommended Extra Parts

In Addition To Cosmic Interceptor Kit

- 1) Estes #3162 Nosecone Pack
- 2) Two Sheets 24X4X1/8" Dense Balsa or Basswood (basswood is recommended)
- 3) Two 4" long by 3/16" hardwood dowels



8 Indigo Interceptor E

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